

Title (en)

FLOW CONTROL IN AN INK PEN

Title (de)

FLIESSSTEUERUNG IN EINEM TINTENSTIFT

Title (fr)

RÉGULATION DE DÉBIT DANS UN STYLO

Publication

**EP 2195172 B1 20120620 (EN)**

Application

**EP 08834713 A 20081002**

Priority

- US 2008078629 W 20081002
- US 86723607 A 20071004

Abstract (en)

[origin: US2009091606A1] In one embodiment a pressure regulator for an ink pen includes: a diaphragm between a lower pressure region and a higher pressure region, the diaphragm movable toward the lower pressure region in response to an increase in a pressure difference across the diaphragm; a valve operative between an open position in which ink may flow into the lower pressure region and a closed position in which ink may not flow into the lower pressure region; a first lever rotatable on a first fulcrum in response to movement of the diaphragm toward the lower pressure region; and a second lever connected to the valve, the second lever rotatable on a second fulcrum in response to rotation of the first lever to move the valve from the closed position to an open position.

IPC 8 full level

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